

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER The Commonwealth of Massachusetts
Executive Office of Health and Human Services

Department of Public Health William A. Hinton State Laboratory Institute 305 South Street, Jamaica Plain, MA 02130

10/31/11

Sheila Lawn Assistant District Attorney, Suffolk County

Dear Ms. Lawn,

Enclosed is the information you requested in regards to Commonwealth vs. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- Control Cards with analytical results for sample #'s
- 3. Analysis sheets with chemist's hand notations and test results.
- 4. GC/Mass Spectral analytical data for sample #'s

GC/MS testing was performed by Nicole Medina. All other analyses were performed by Kate Corbett. If you have any questions about these materials, please call me at the number below.

Sincerely

Kate Corbett Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

cc: NEM



DRUG RECEIPT	PAGE # 73		7 T7 T8 W 10000 - 100000 100000 100000 100000 100000 100000 10000 10000 10000 10000 10000 10000 100000 100000 10000 1000000
	DESTRUCTION #		
District/Unit D9 DX51F			
Name & Rank of Arresting Officer		ID#_ <u>9)3</u> 1	36209
DEFENDANT'S NAME	ADDDGGG		
DEFENDANT S NAME	ADDRESS	CITY	STATE
		BOSTON	any
		LAB US	SE ONLY
DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
A HEROIN (TON POWDER)	1 P/B	4.3980	
B' Suboxone (oronde PIU)	1 Broken Pill	4.01 pc	
D DUDONOIDE (D) WHITE LICE	I DISKEN IIII	1101 /2	
			·
To be completed by ECU personnel only	j ,		
Name and Rank of Submitting Officer Syn L	Thick		064
Pageinad by		Date 10# 11	.//
Received by		ECU Control #	
BPD Form 0038-BIS-0907 (prev. 1753)		LOO CONTOUR	

No. Date Analyzed: City: Boston D.C.U. Police Dept. 09-22-1 Officer: P.O. SYBIL WHITE Def: Amount: Subst: SUB No. Cont: Cont: pb Date Rec'd: 08/05/2011 No. Analyzed: Gross Wt.: 4.39 Net Weight: 0 200

Findings: Hesoin

Date Analyzed:

City: Boston D.C.U. Police Dept.

09-a2-11

Officer: P.O. SYBIL WHITE

Def:

Amount: No. Cont.

1.0

1

Cont: pb

Date Rec'd: 08/05/2011

Gross Wt.:

1

4.01

No. Analyzed:

Net Weight: (

Prelim: Pupyenny Windings: Buprenorphine

DRUG POWDER ANALYSIS FORM

No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION: I ph Containing to product ph inside Cello	Gross Wt (): 0.34359 Gross Wt ():
PRELIMINARY TESTS Spot Tests	Miero opyotolijno Tooto
Cobalt Thiocyanate () + DUC Marquis + DUY DUC Froehde's + DUY DUC Mecke's + QUEN	Gold Chloride TLTA () OTHER TESTS
PRELIMINARY TEST RESULTS RESULTS 1411 DATE 1411	GCIMS CONFIRMATORY TEST RESULTS

Revised 7/2005

DRUG POWDER ANALYSIS FORM

No. of samples tested:	STOM ANALYST KAC Evidence Wt. OK
PHYSICAL DESCRIPTION: 2 pieces of a bro Orange fablet	Gross Wt (): Pkg. Wt: Net Wt: O-2 Stolo
PRELIMINARY TESTS Spot Tests Cobalt	Microcrystalline Tests Gold Chloride TLTA () OTHER TESTS G-C-O-For Byrenorphin Compared to byrenorphine St
PRELIMINARY TEST RESULTS RESULTS POLYPON DUNC DATE 91911	GC/MS CONFIRMATORY TEST RESULTS PUPUL MAN OPERATOR NOW DATE TO DATE

Revised 7/2005

Data File C:\CHEM32\1\DATA\SIG1000002.D

Sample Name: BUPRENORPHINE STD

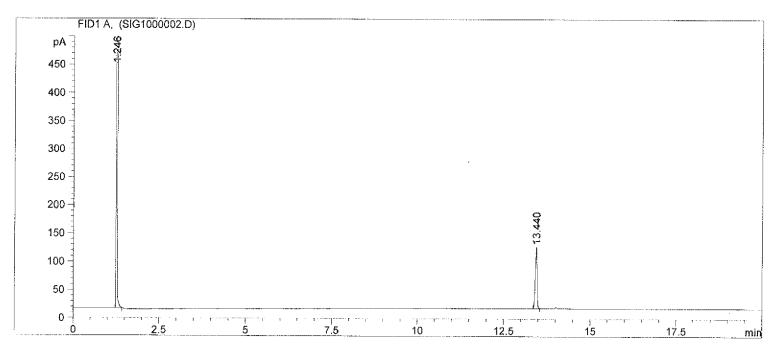
Acq. Operator : ASD Seq. Line: 2 Acq. Instrument : Drug Lab GC#3 Location : Vial 2 Injection Date : 9/15/2011 8:27:03 AM Inj : 1

Inj Volume : 1 μl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\BUPRENORPHINE.M

Last changed : 3/7/2011 1:14:28 PM



Area Percent Report

Sorted By Retention Time

Multiplier: : 1.0000 Dilution: 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak	RetTime	Sig	Туре	Area	Height	Area
#	[min]			[pA*s]	[pA]	ç
1	1.246	1	BB S	8.41884e4	8.10632e4	99.53588
2	13.440	1	BB	392.56006	107.70788	0.46412

Totals : 8.45809e4 8.11709e4

*** End of Report ***

Data File C:\CHEM32\1\DATA\SIG1000005.D

Sample Name: Blank

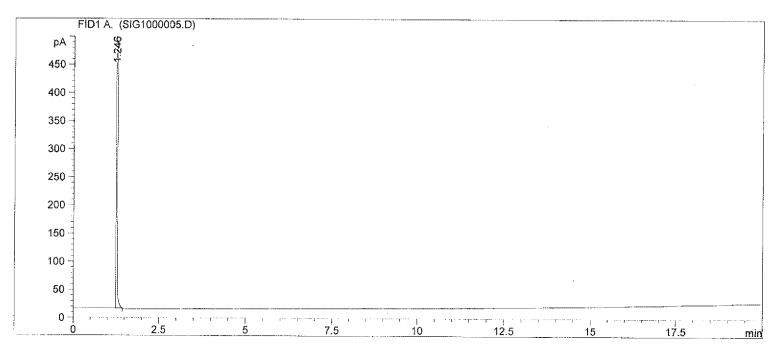
Acq. Operator : ASD Seq. Line : 5
Acq. Instrument : Drug Lab GC#3 Location : Vial 5
Injection Date : 9/15/2011 9:40:03 AM Inj : 1

Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\BUPRENORPHINE.M

Last changed : 3/7/2011 1:14:28 PM



Area Percent Report

Sorted By : Retention Time

Multiplier: : 1.0000
Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Totals: 7.77117e4 8.25105e4

*** End of Report ***

Sample Name:

Acq. Operator : ASD

Acq. Instrument : Drug Lab GC#3

Seq. Line: 6 Location : Vial 6

Inj :

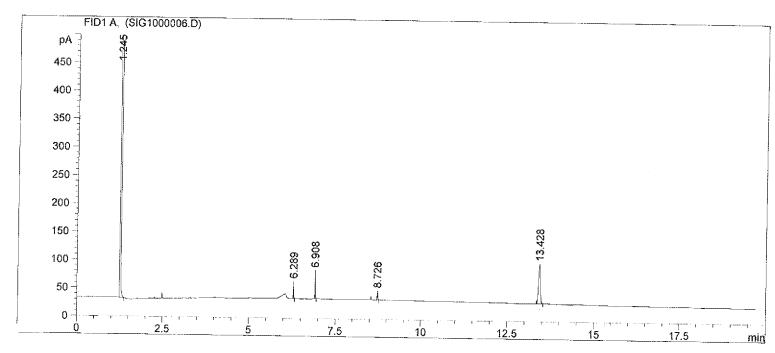
Injection Date : 9/15/2011 10:04:22 AM

Inj Volume : 1 μl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHOD\$\BUPRENORPHINE.M

Last changed : 3/7/2011 1:14:28 PM



Area Percent Report

Sorted By Retention Time Multiplier: : 1.0000 Dilution: 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

#	RetTime [min]			Area [pA*s]	Height [pA]	Area %
. 1		-1				
Ι.	1.245	Τ	BB S	8.10187 e 4	7.77154e4	99.58599
2	6.289	1.	BB	24.56930	30,69967	0.03020
3	6.908	1	BB	40.49729	50.24115	0.04978
4	8.726	1	BB	18.45243	15.67116	0.02268
5	13.428	1	BB	253.30182	70.55910	0.31135

Totals :

8.13555e4 7.78825e4

*** End of Report ***

10187111 10187111

Information from Data File:

File Name : K:\09_20_11\801623.D

Operator : NEM

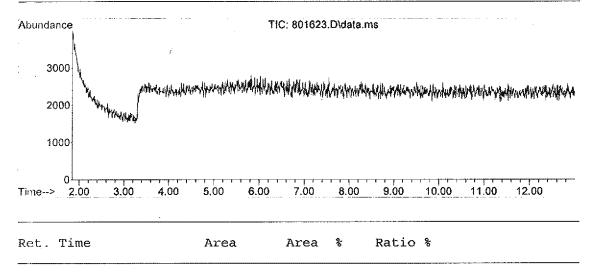
Date Acquired : 20 Sep 2011 15:23

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\09_20_11\801624.D

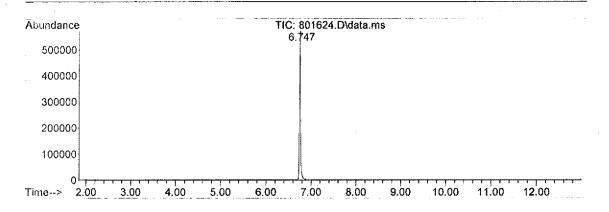
Operator : NEM

Date Acquired : 20 Sep 2011 15:40

Sample Name : HEROIN STD

Submitted by

Vial Number : 24 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.747	916221	100.00	100.00

File Name : K:\09_20_11\801624.D

Operator : NEM

Date Acquired : 20 Sep 2011 15:40

: HEROIN STD Sample Name

Submitted by Vial Number 24 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

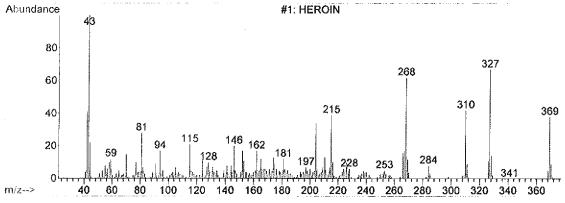
PK# RTLibrary/ID CAS# Qual

6.75 C:\Database\SLI.L 1

HEROIN

000561-27-3 99

Average of 6.700 to 6.903 min.: 801624,D\data.ms (-) Abundance 80 60 327 40 268 369 310 204 20 115 162 28 226_{239 253} 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 m/z--> 40 60



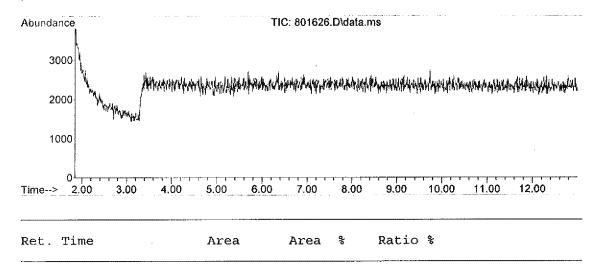
File Name : K:\09_20_11\801626.D

Operator : NEM

Date Acquired : 21 Sep 2011 7:07

Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\09_20_11\801627.D

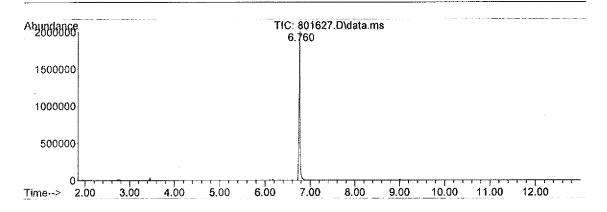
Operator : NEM

Date Acquired : 21 Sep 2011 7:23

Sample Name : Submitted by :

KAC

Vial Number : 27 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Ratio %
6.760	3327313	

File Name : K:\09_20_11\801627.D

Operator : NEM

21 Sep 2011 Date Acquired 7:23

Sample Name Submitted by KAC Vial Number 27 AcquisitionMeth: DRUGS.M Integrator : RTE

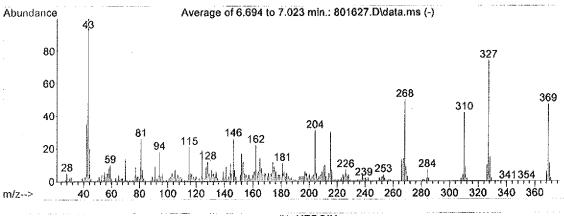
Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

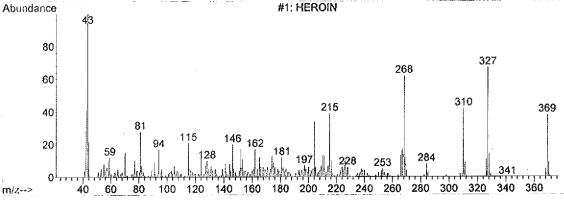
C:\Database\NIST08.L

C:\Database\PMW TOX2.L

CAS# Qual PK# RTLibrary/ID

C:\Database\SLI.L 1 6.76 000561-27-3 99 HEROIN





File Name : K:\09_20_11\801631.D

Operator : NEM

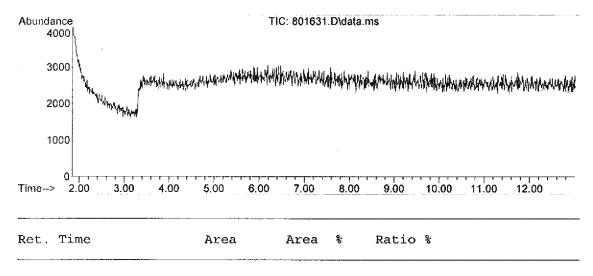
Date Acquired : 21 Sep 2011 8:22

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name

: K:\09_20_11\801632.D

Operator

: NEM

Date Acquired

: 21 Sep 2011

1124626

Sample Name

: HEROIN STD

Submitted by

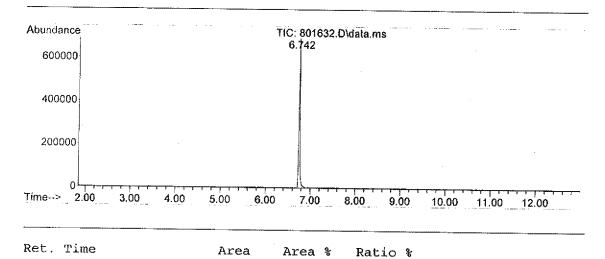
24

Vial Number AcquisitionMeth: DRUGS.M

Integrator

6.742

: RTE



100.00

100.00

8:38

801632.D

Thu Oct 27 14:57:10 2011

File Name : K:\09_20_11\801632.D

Operator : NEM

Date Acquired : 21 Sep 2011

Sample Name

Abundance

: HEROIN STD

Submitted by Vial Number

AcquisitionMeth: DRUGS.M

Integrator

: RTE

Search Libraries: C:\Database\SLI.L

C:\Database\NIST08.L

Minimum Quality: 80

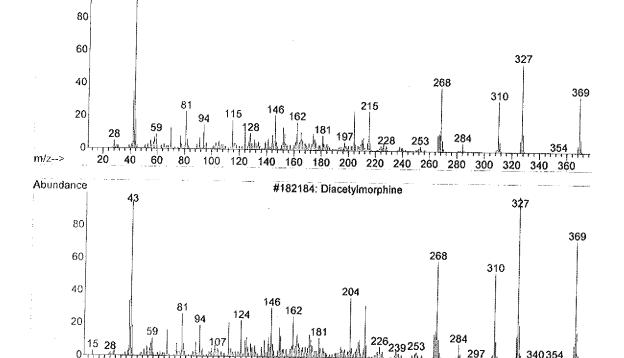
Minimum Quality: 80

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAs#	Qual
1	6.74	C:\Database\NIST08.L Diacetylmorphine Diacetylmorphine 6-Monoacetylmorphine	000561-27-3 000561-27-3 002784-73-8	99 99 99

Average of 6.694 to 6.909 min.: 801632.D\data.ms (-)

8:38



80 100 120 140 160 180 200 220 240 260 280 300 320 340 360

m/z-->

20

60

Information from Data File: File dame : $K: \setminus 09_20_1$

: K:\09_20_11\801634.D

Operator : NEM

Date aquired : 21 Sep 2011 9:10

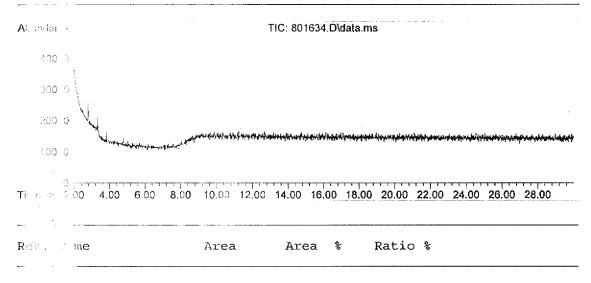
Sampl: Name : BLANK

Submi . Led by

Vial number

AcquistionMeth: WSCREEN.M

Integrator : RTE



* * * NO NTEGRATED PEAKS***

Infortation from Data File: File : me : K:\09_20_11\801635.D Operator : NEM

Date equired : 21 Sep 2011 9:43

Sample Name : BUPRENORPHINE STD

Submitted by Submitted by Vial Amber : 35 AcquistionMeth: WSCREEN.M Integrator : RTE TIC: 801635.D\data.ms Ab. 6000 .d 17.659 100000-11 5000000 The service of the se $R \in {}^{\infty}$. me Ratio % Area Area % 100.00 100.00 **1**7.65 ± 7054212

```
Information from Data File:
                 : K:\09_20_11\801635.D
\mathbf{F}:\exists\;\alpha\quad\text{i-me}
One sail in
                  : NEM
Date oquired
                    21 Sep 2011
                                     9:43
                  : BUPRENORPHINE STD
Sampl: Name
Submitted by
Vial Ember
                     35
AcquisitionMeth: WSCREEN.M
Integrator
                  : RTE
                                                           Minimum Quality: 80
                      C:\Database\SLI.L
Scarc Libraries:
                      C:\Database\NIST08.L
                                                           Minimum Quality: 80
                      C:\Database\PMW_TOX2.L
                                                                CAS#
                                                                              Qua1
  PKI
         RT
                   Library/ID
                  C:\Database\NIST08.L
        17.66
                   6,14-Ethenomorphinan-7-methanol, 17.052485-79-7
                                                                               99
                   6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                               99
                   6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                               95
                         Average of 17.455 to 17.922 min.: 801635.D\data.ms (-)
Ab adai v
                                                                378
                                                                      410
                                                                         434
                 84 101
      29
                   123 <sub>141</sub> 161 181197 216 239256 281 30
                                                                            450467
                                                    306
          40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
milion
       #209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-
            55
                                                                     410
                  450467
          40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
```

File Name : K:\09_20_11\801637.D

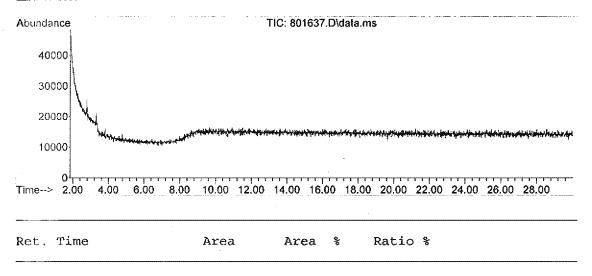
Operator : NEM

Date Acquired : 21 Sep 2011 10:49

Sample Name : BLANK Submitted by : KAC Vial Number : 1

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\09_20_11\801638.D

KAC

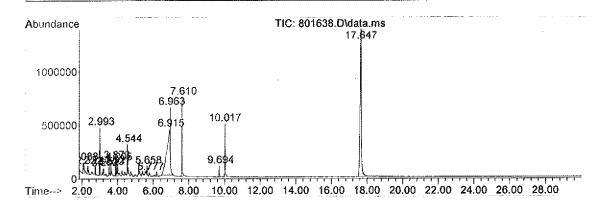
Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : | Submitted by :

Vial Number : 38 AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.088	383645	2.14	5.57	programmer ey y died die Male die ordinate in die onder
2.322	277956	1.55	4.03	
2.747	131827	0.74	1.91	
2.993	646917	3.62	9.39	
3,202	134327	0.75	1.95	
3.520	161251	0.90	2.34	
3.621	183167	1.02	2.66	
3.873	136278	0.76	1.98	
3.927	181306	1.01	2.63	
4.005	188355	1.05	2.73	
4.544	350546	1.96	5.09	
5.658	138518	0.77	2.01	
5777	124799	0.70	1.81	
6.915	5139044	28.72	74.59	
6.963	871766	4.87	12.65	
7.610	886737	4.96	12.87	
9.694	170366	0.95	2,47	
10.017	894915	5.00	12.99	
1 7.64 7	6890006	38.51	100.00	

File Name : K:\09_20_11\801638.D

: NEM Operator

21 Sep 2011 11:22 Date Acquired

Sample Name Submitted by KAC Vial Number

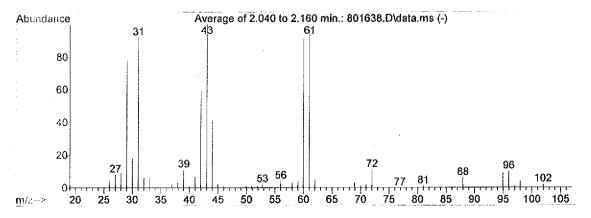
AcquisitionMeth: WSCREEN.M

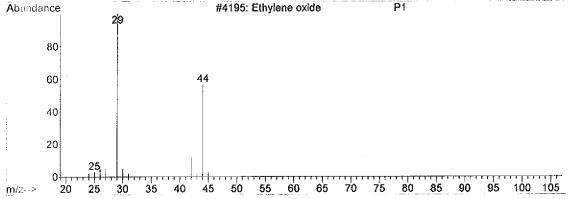
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
1	2.09	C:\Database\PMW_TOX2.L Ethylene oxide Acetic acid Disulfiram	000075-21-8 000064-19-7 000097-77-8	9 4 2





File Name : K:\09_20_11\801638.D

Operator ; NEM

Date Acquired 21 Sep 2011 11:22

Sample Name Submitted by KAC Vial Number 38

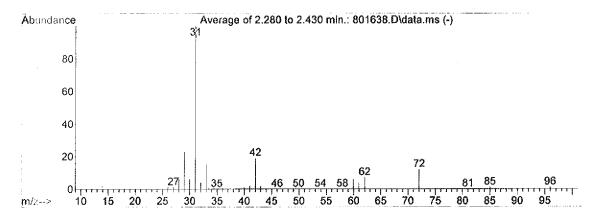
AcquisitionMeth: WSCREEN.M

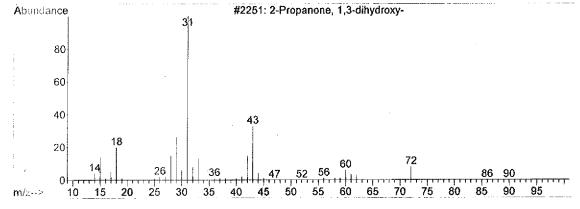
Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
 2	2.32	C:\Database\NIST08.L 2-Propanone, 1,3-dihydroxy-	000096-26-4	83
		1,2-Ethanediol	000107-21-1	40
		1,3-Dihydroxyacetone dimer	062147-49-3	38





: K:\09_20_11\801638.D File Name

KAC

38

Operator : NEM

Date Acquired 21 Sep 2011 11:22

Sample Name Submitted by

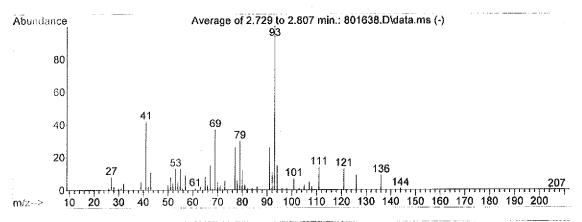
Vial Number AcquisitionMeth: WSCREEN.M

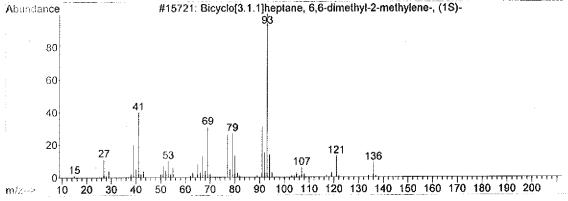
Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

	PK#	RT	Library/ID		CAS#	Qual
_	3	2.75	C:\Database\NIST08.L Bicyclo[3.1.1]heptane, .betaPinene .betaPinene	6,6-dimethyl	018172-67-3 000127-91-3 000127-91-3	95 93 93





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : Submitted by :

KAC

Vial Number : 38 AcquisitionMeth: WSCREEN.M

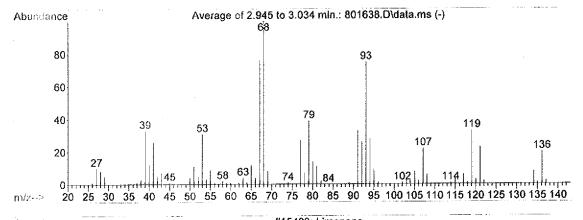
Integrator : RTE

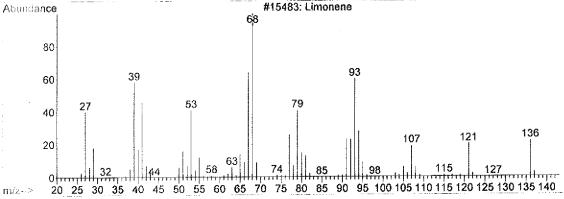
Search Libraries: C:\Database\SLI.L

L Minimum Quality: 80 08.L Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
4	2.99	C:\Database\NIST08.L Limonene D-Limonene D-Limonene	000138-86-3 005989-27-5 005989-27-5	94 93 93





: K:\09_20_11\801638.D File Name

: NEM Operator

: 21 Sep 2011 11:22 Date Acquired

Sample Name Submitted by KAC Vial Number 38

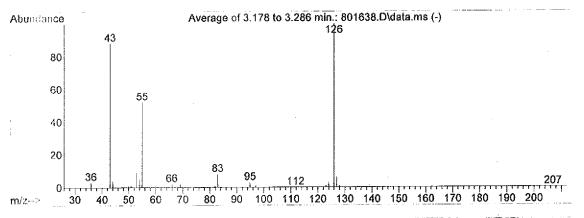
AcquisitionMeth: WSCREEN.M

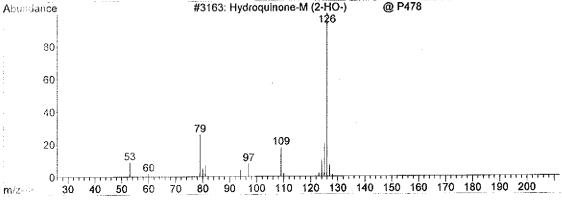
: RTE Integrator

Seauch Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
5	3.20	C:\Database\PMW_TOX2.L Hydroquinone-M (2-HO-) Perhexiline-M (HO-) 2AC Prolintane-M (HO-phenyl-)	@ 000533-73-3 000000-00-0 000000-00-0	4 4 2





: K:\09_20_11\801638.D File Name

: NEM Operator

: 21 Sep 2011 11:22 Date Acquired

Sample Name Submitted by KAC

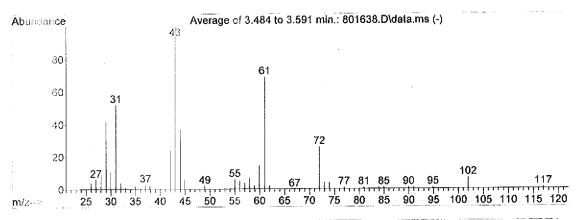
Vial Number 38 AcquisitionMeth: WSCREEN.M

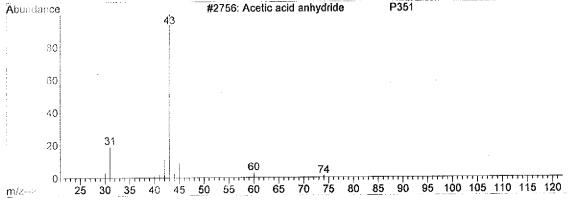
: RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

1,	K#	RT	Library/ID	CAS#	Qual
	6	3.52	C:\Database\PMW_TOX2.L Acetic acid anhydride	000108-24-7	9
			Monolinuron	001746-81-2	2
			Ethylacetate	@ 000141-78-6	2





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : KAC
Submitted by : KAC
Vial Number : 38

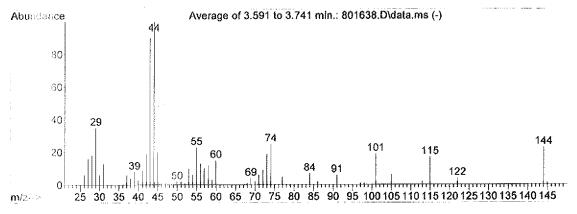
AcquisitionMeth: WSCREEN.M

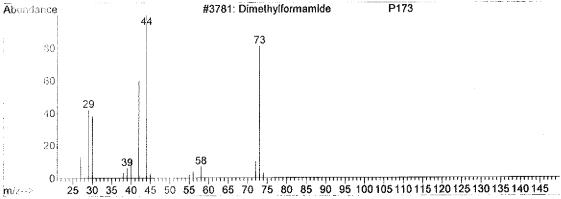
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
7	3.62	C:\Database\PMW_TOX2.L Dimethylformamide	000068-12-2	17
		PCDI precursor (dimethylamine) Air with Helium and Water	000124-40-3 000000-00-0	5 1





File Name : K:\09 20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name Submitted by

KAC

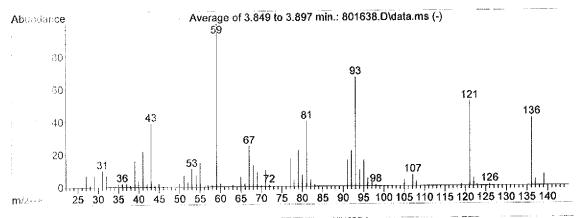
Vial Number : 38
AcquisitionMeth: WSCREEN.M

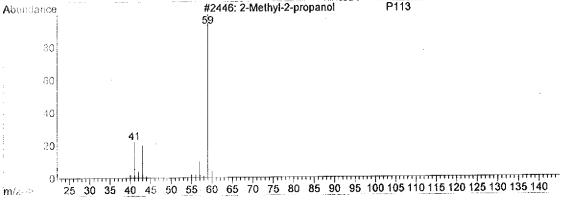
Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
8	3.87	C:\Database\PMW_TOX2.L 2-Methyl-2-propanol Trimethadion-M (nor-) Diethylether	000075-65-0 000000-00-0 000060-29-7	4 2 1





: K:\09_20_11\801638.D File Name

: NEM Operator

Date Acquired 21 Sep 2011

Sample Name Submitted by 38 Vial Number

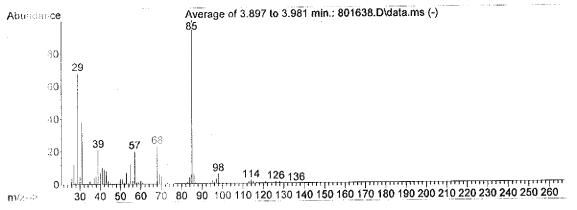
AcquisitionMeth: WSCREEN.M

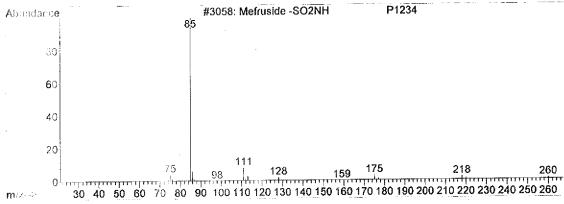
: RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

PK #	RT	Library/ID	CAS#	Qual
9	3.93	C:\Database\PMW_TOX2.L Mefruside -SO2NH Mefruside ME Mefruside 2ME	000000-00-0 000000-00-0 000000-00-0	2 1 1





File Name : K:\09 20 11\801638.D

Operator : NEM

21 Sep 2011 11:22 Date Acquired

Sample Name Submitted by KAC Vial Number 38

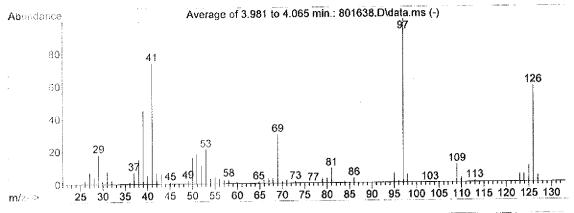
AcquisitionMeth: WSCREEN.M

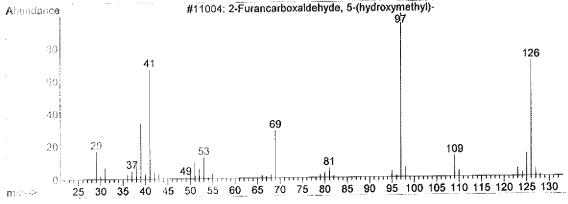
: RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID CAS#	Qual
3. 0	4.00	C:\Database\NIST08.L 2-Furancarboxaldehyde, 5-(hydroxyme 000067-47-0 2-Furancarboxaldehyde, 5-(hydroxyme 000067-47-0 1H-Pyrazole, 4,5-dihydro-3-methyl-1 026964-49-8	81 49 37





: K:\09_20_11\801638.D File Name

Operator : NEM

Date Acquired 21 Sep 2011

Sample Name Submitted by

KAC Vial Number 38

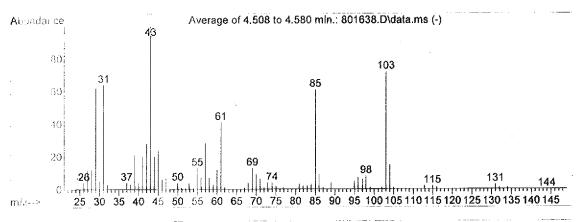
AcquisitionMeth: WSCREEN.M

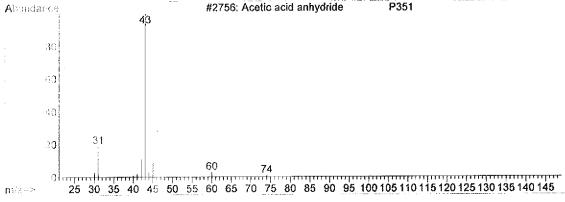
: RTE Integrator

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

	P K#	RT	Library/ID	CAS#	Qual
•	1.1	4.54	C:\Database\PMW_TOX2.L	000100 24 7	9
			Acetic acid anhydride Nifenalol artifact	000108-24-7 000000-00-0	2
			Mefruside -SO2NH	000000-00-0	2





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name :
Submitted by : KAC
Vial Number : 38

AcquisitionMeth: WSCREEN.M

Integrator : RTE

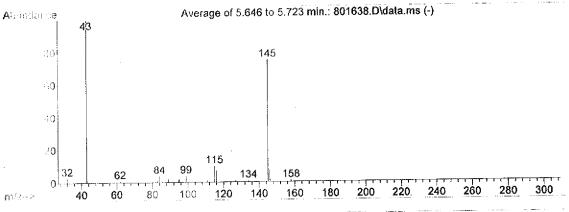
Search Libraries: C:\Database\SLI.L

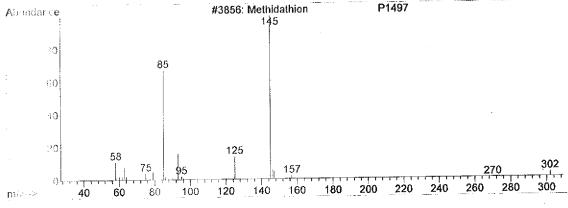
C:\Database\PMW_TOX2.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

PK# RT Library/ID CAS# Qual

12 5.66 C:\Database\PMW_TOX2.L
Methidathion 000950-37-8 1





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : KAC Submitted by : KAC Vial Number : 38

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

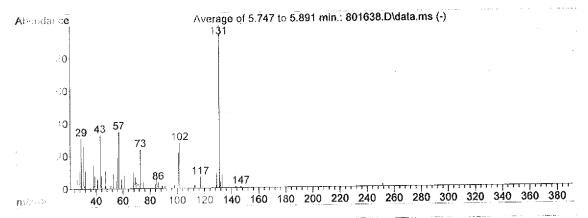
C:\Database\NIST08.L

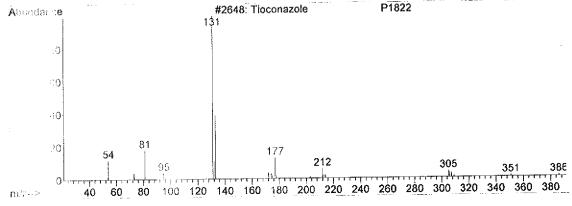
C:\Database\PMW_TOX2.L

Minimum Quality: 80

Minimum Quality: 80

₽K#	RT	Library/ID	CAS#	Qual
1.3	5,78	C:\Database\PMW_TOX2.L Tioconazole	065899-73-2	1





File same : K:\09_20_11\801638.D

Operator : NEM

Daue \cquired : 21 Sep 2011 11:22

Sample Name:
Submitted by: KAC
Vial Number: 38

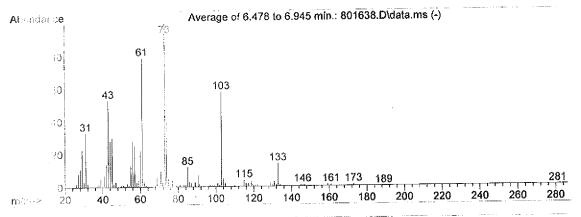
AcquisitionMeth: WSCREEN.M

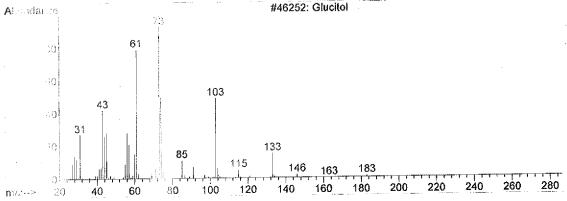
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NISTO8.L Minimum Quality: 80

C:\Database\NIST08.L
C:\Database\PMW_TOX2.L

₽К#	RT	Library/ID	CAS#	Qual
1.4	6.92	C:\Database\NIST08.L Glucitol Sorbitol D-Mannitol	026566-34-7 000050-70-4 000069-65-8	91 90 86





: K:\09_20_11\801638.D File lame

Operator : NEM

21 Sep 2011 11:22 Date Acquired

Sample Name KAC Submitted by Vial Bumber 38

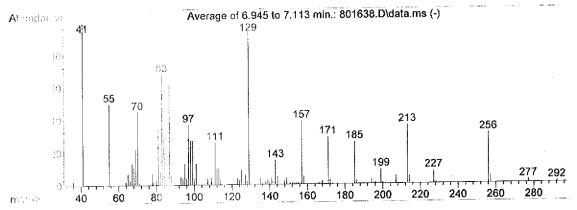
AcquisitionMeth: WSCREEN.M

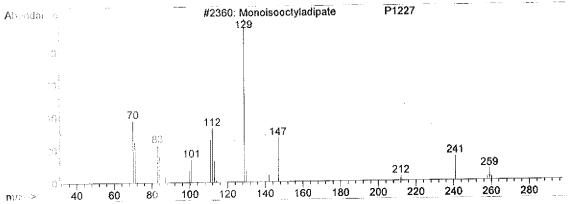
: RTE Integrator

C:\Database\SLI.L Minimum Quality: 80 Searc : Libraries: Minimum Quality: 80

C:\Database\NIST08.L

₽K∦	RT	Library/ID	CAS#	Qual
15	6.96	C:\Database\PMW_TOX2.L Monoisooctyladipate Carbidopa 2MEAC Metronidazole AC	004337-65-9 000000-00-0 000000-00-0	12 7 7





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Information from Data File:
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: K:\09_20_11\801638.D F le ame

: NEM Operator

21 Sep 2011 11:22 Date equired

Sampl: Name

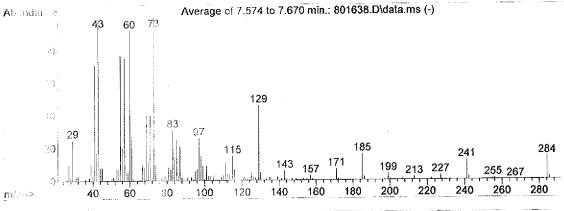
Submitted by Vial Sumber 38

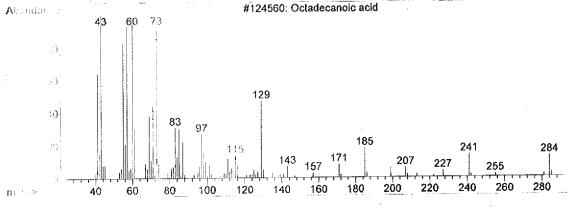
AcquisitionMeth: WSCREEN.M

: RTE Integrator

Scarce Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST08.L	Minimum Quality: 80

₽K#	RT	Library/ID	CAS#	Qual
16	7.61	C:\Database\NIST08.L Octadecanoic acid Octadecanoic acid Octadecanoic acid	000057-11-4 000057-11-4 000057-11-4	99 99 96





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Opera or : NEM

Date Toquired : 21 Sep 2011 11:22

Sample Name

Submitted by Vial sumber 3.8

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Scarc : Libraries: C:\Database\SLI,L

C:\Database\NISTO8.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\PMW_TOX2.L

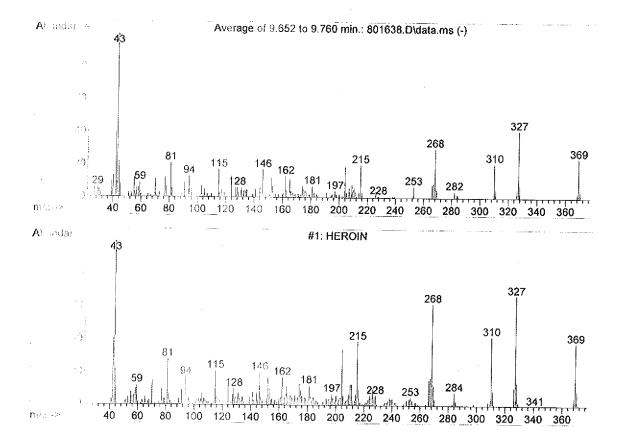
PK# RTLibrary/ID CAS# Qual

17 9.69 C:\Database\SLI.L

HEROIN

000561-27-3

93



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Tafor ation from Data File:
File me
                 : K:\09 20 11\801638.D
                  : NEM
Opera in
                  : 21 Sep 2011
Datte
      --quired
                                   11:22
Sampl Name
Submit med by
                     KAC
Vial number
                     38
Acqui itionMeth: WSCREEN.M
Integ.ator
                  : RTE
                                                           Minimum Quality: 80
Searc : Libraries:
                      C:\Database\SLI.L
                      C:\Database\NIST08.L
                                                           Minimum Quality: 80
                      C:\Database\PMW TOX2.L
  PK#
                                                                CAS#
                                                                             Qual
         RT
                   Library/ID
        10,02
                 C:\Database\NIST08.L
  18
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6
                   Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6
                                                                              91
                  Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6
                                                                              76
                         Average of 9,975 to 10,137 min.: 801638.D\data.ms (-)
Al- indar un
                                                                             327
                            115
                  70
                                                          242
               55
                     82
      31.28
                                                                    286
                                                             256 270
                    80
                                  140
                                                200 220
                                                         240
                                                                  280
           40
                60
                         100
                             120
                                      160
                                          180
                                                                       300
                                                                            320
Al-medan
                #156547: Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-(2-propenyl)-, (5.alpha.)-
                                                                             327
           41
                                                          242
                                                                    286
                                         171 187
                                                                       300 312
                                   147 160
                                                             256 270
                                          180 200
                                                    220 240 260 280
                             120 140 160
           40
               60
                    80
                        100
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```
Information from Data File:
File Dome
                    : K:\09_20_11\801638.D
                    : NEM
Opera on
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                      21 Sep 2011
                                       11:22
Sample Name
Submitted by
                        KAC
Vial Ember
                        38
Acqui UtionMeth: WSCREEN.M
Integrator
                    : RTE
         Libraries:
                         C:\Database\SLI.L
                                                                   Minimum Quality: 80
Scarc
                                                                   Minimum Quality: 80
                         C:\Database\NIST08.L
                         C:\Database\PMW TOX2.L
                                                                        CAS#
                                                                                       Qual
          RT
   PK#
                     Library/ID
         17.65
                    C:\Database\NIST08.L
                                                                                         99
                     6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                     6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                        99
                            Average of 17.461 to 17.922 min.: 801638.D\data.ms (-)
At a sign 4
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      , (
      - 0-
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                   84 101
       <sup>©</sup> 29
           123 144 161 181197 216 237253270 292 310 336 32 394 450 465
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
                                                                                      450467
Abstaclar + #209835; 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-
       Ď.
              55
       . 🤉
                                                                              410
                                                                                   434
       0
                       450467
           40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
```

File Name : K:\09_20_11\801649.D

Operator : NEM

Date Acquired : 21 Sep 2011 17:26

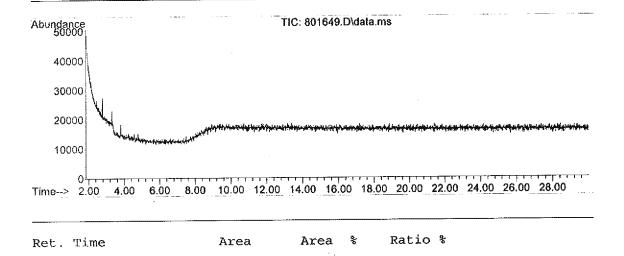
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\09_20_11\801650.D

Operator : NEM

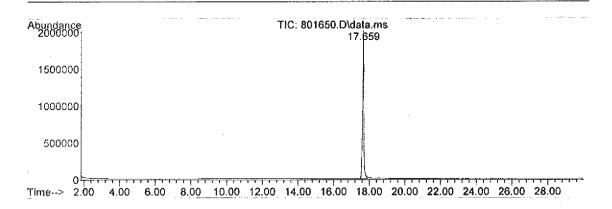
Date Acquired : 21 Sep 2011 18:00 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 35

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	 Ratio %
17.659	9669267	100.00

```
Information from Data File:
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File Name : K:\09_20_11\801650.D

Operator : NEM

Date Acquired : 21 Sep 2011 18:00 Sample Name : BUPRENORPHINE STD

Submitted by :

Vial Number : 35

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\NIST08.L

Minimum Quality: 80 Minimum Quality: 80

	PK#	RT	Library/ID		CAS#	Qual
1	17.66	C:\Database\NIST08.L				
			6,14-Ethenomorphinan-7-methanol,	17	052485-79-7	99
			6,14-Ethenomorphinan-7-methanol,	17	052485-79-7	99
			6,14-Ethenomorphinan-7-methanol,	17	052485-79-7	95

